

### ABSTRACT OF THE DISCLOSURE

A system for improving the performance of a motor vehicle internal combustion engine includes a controller positioned between an O<sub>2</sub> sensor. The controller alters the O<sub>2</sub> sensor signals and adjusts supplemental sensor signals received from supplemental sensors and sends the altered O<sub>2</sub> signals and the adjusted supplemental sensor signals to a programmed electronic control unit which controls operation of fuel injectors.